

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\  
 Data File : VU041753.D  
 Acq On : 22 Dec 2020 20:01  
 Operator : SY/MD  
 Sample : L5185-06  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BG4S4

Quant Time: Dec 23 06:12:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Dec 23 05:08:09 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 127551   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 122323   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 52522    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 33827    | 3.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 67.80%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 38735    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 100.40% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 53970    | 2.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 58.80%# |
| 20) 2-Butanone-d5              | 4.65   | 46    | 161303   | 56.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 112.62% |
| 24) Chloroform-d               | 5.08   | 84    | 82918    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 48041    | 4.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.20%  |
| 32) Benzene-d6                 | 5.74   | 84    | 156980   | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 52655    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.80%  |
| 41) Toluene-d8                 | 7.90   | 98    | 130234   | 4.12     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 82.40%  |
| 43) trans-1,3-Dichloropropene- | 8.18   | 79    | 21135    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.60%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 141306   | 52.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 104.70% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 52998    | 5.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 106.20% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 52021    | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 111.40% |

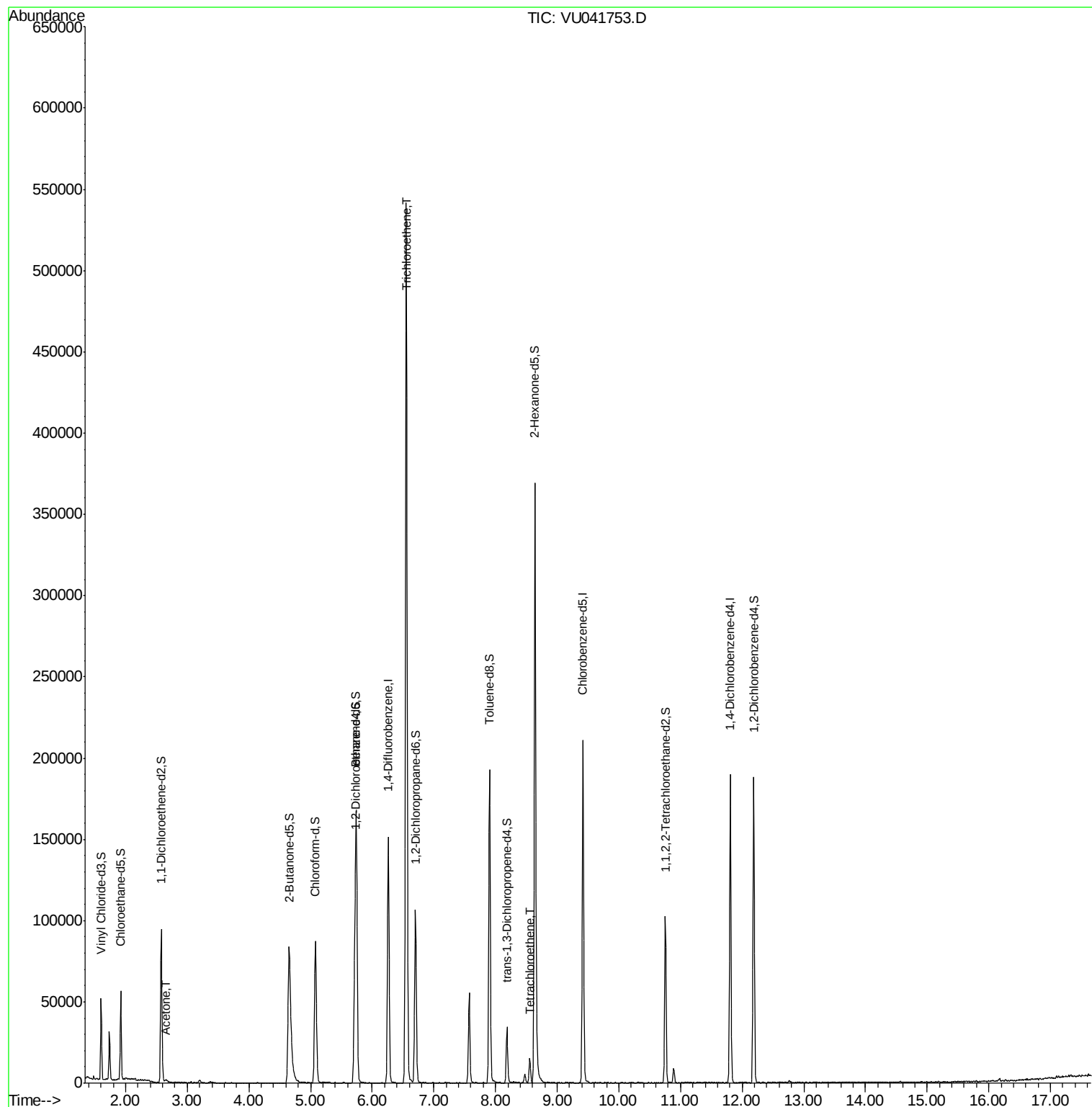
| Target Compounds      |      |     |        |             | Ovalue |
|-----------------------|------|-----|--------|-------------|--------|
| 13) Acetone           | 2.66 | 43  | 2421   | 1.329 ug/L  | 67     |
| 34) Trichloroethene   | 6.55 | 95  | 190590 | 19.388 ug/L | 95     |
| 47) Tetrachloroethene | 8.56 | 164 | 3438   | 0.500 ug/L  | 84     |

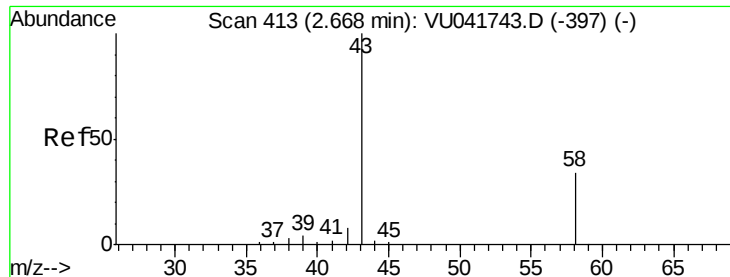
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.329 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU041753.D

Acq: 22 Dec 2020 20:01

Instrument :

MSVOA\_U

ClientSampleId :

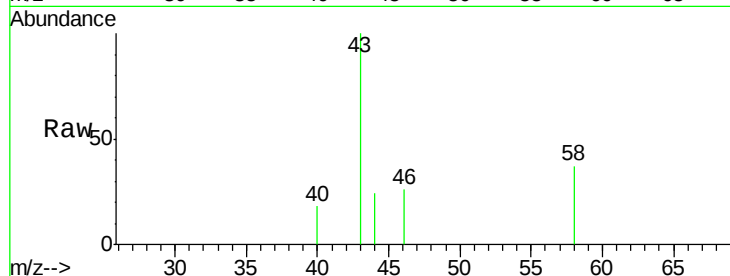
BG4S4

Tot Ion: 43 Resp: 2421

Ion Ratio Lower Upper

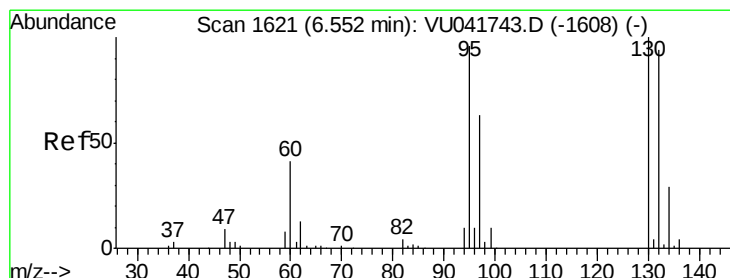
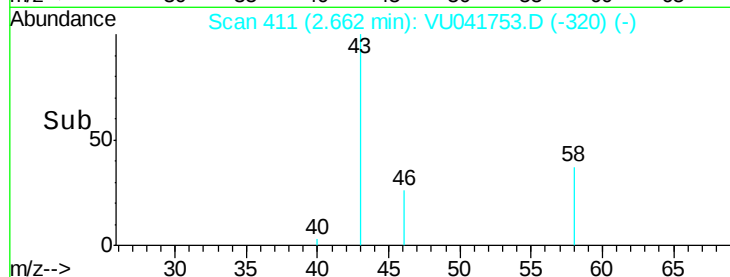
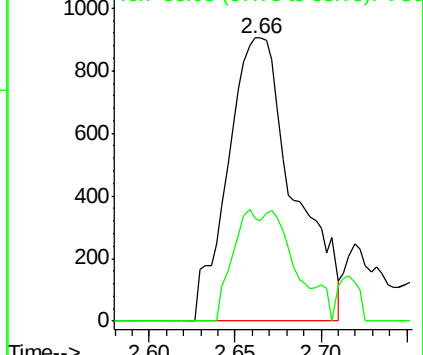
43 100

58 16.8 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#34

Trichloroethene

Concen: 19.388 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041753.D

Acq: 22 Dec 2020 20:01

Tgt Ion: 95 Resp: 190590

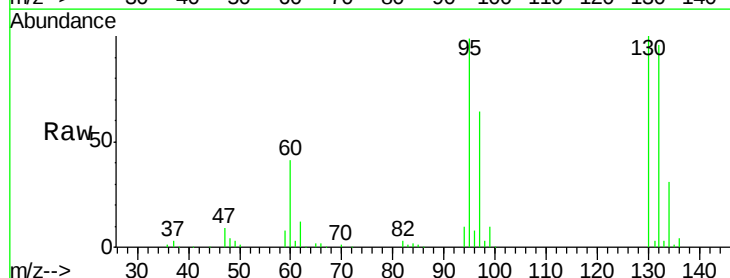
Ion Ratio Lower Upper

95 100

97 64.5 43.9 81.5

132 97.1 63.1 117.3

130 100.8 67.4 125.2

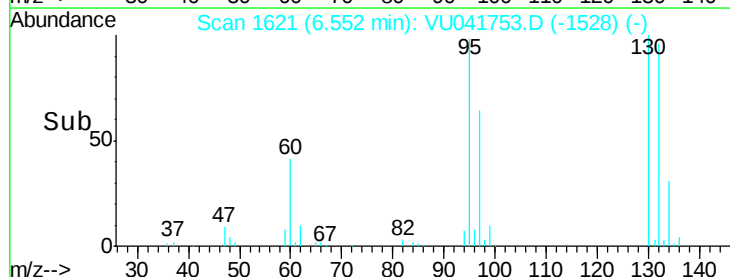
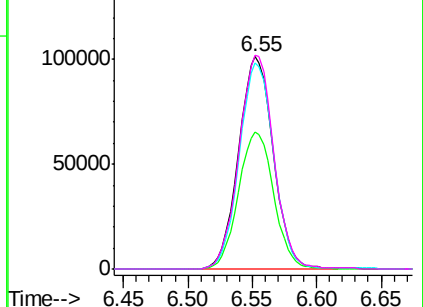


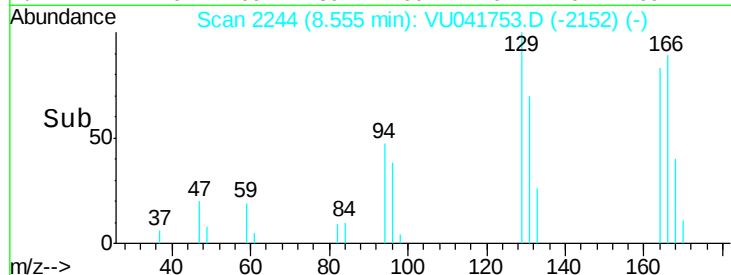
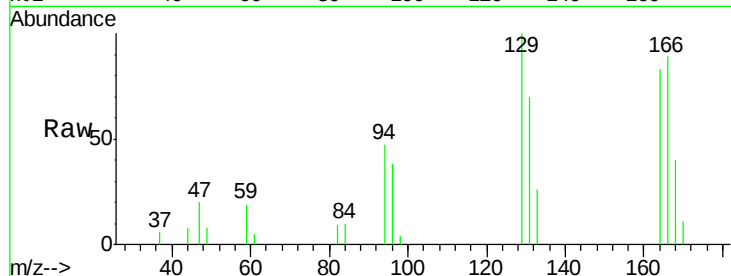
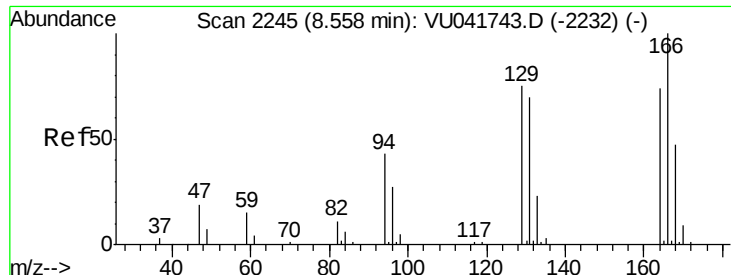
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 0.500 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041753.D

Acq: 22 Dec 2020 20:01

Instrument :

MSVOA\_U

ClientSampleId :

BG4S4

Tot Ion:164 Resp: 3438

Ion Ratio Lower Upper

164 100

129 120.1 72.2 134.0

131 83.8 66.9 124.3

166 107.3 89.6 166.4

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

